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Universal Power Line Transformer LL2411

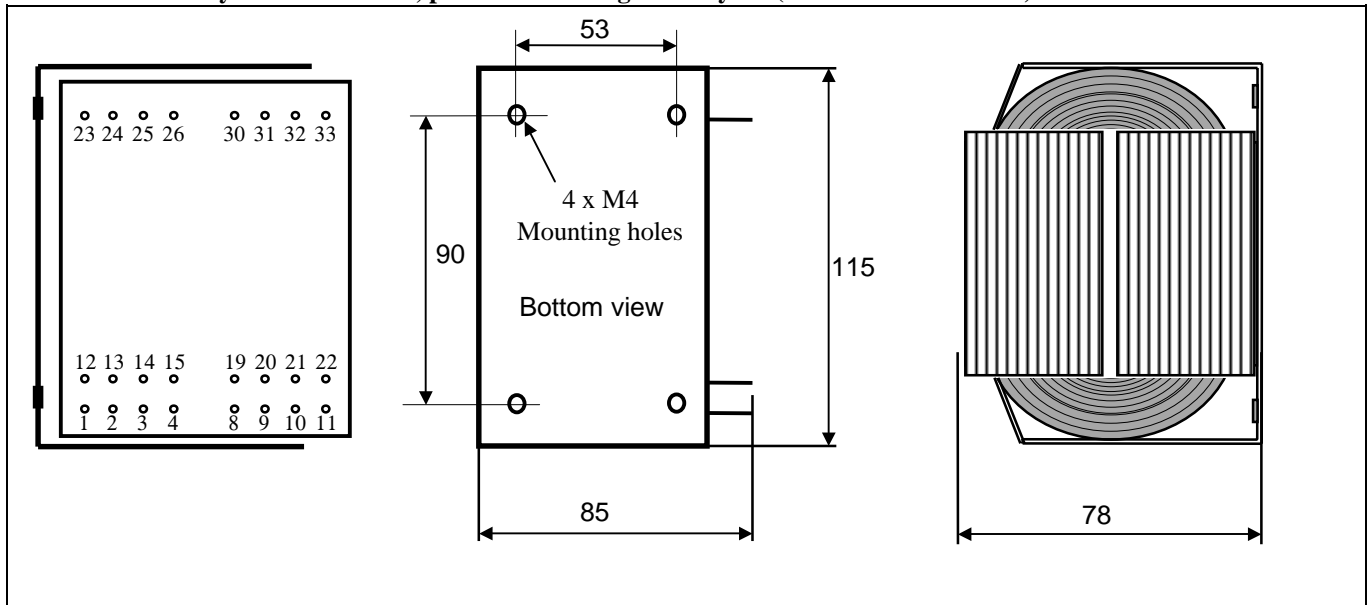
LL2411 is a high inductance line transformer for connecting PA system loudspeakers to power lines. The transformer is highly sectioned with harmonically sized sections. This results in minimum leakage inductance and thus an excellent frequency response. The twelve windings can be combined in a number of ways, but symmetry between coil 1 and coil 2 is essential for good performance.

The transformer has a special audio C-core of our own production.

Turns ratio:

2+2+2+2 : 1+1+1+1+1+1+1

Physical dimensions, pin and mounting hole layout (all dimensions in mm)



Spacing between pins:

5.08 mm (0.2")

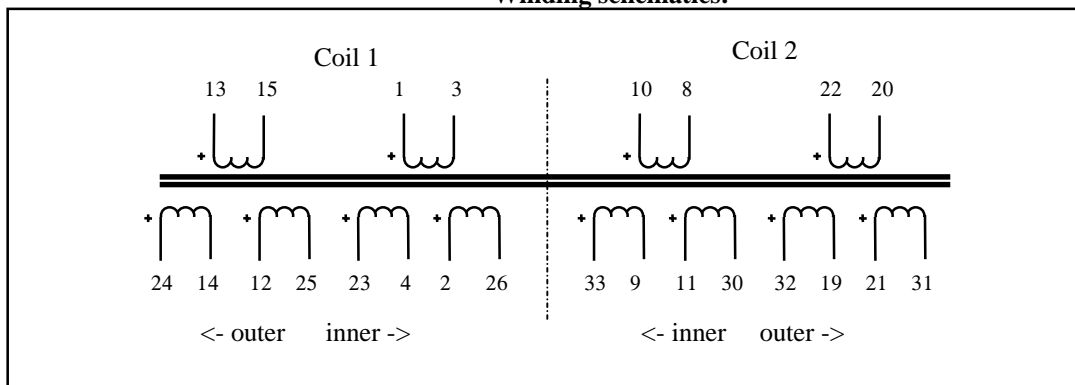
Spacing between rows of pins:

73.66 mm / 10.16mm (2.9" / 0.4")

Weight:

2.5 kg

Winding schematics:



Static resistance of each primary (avarage):

0.80 Ω

Static resistance of each secondary (avarage):

0.40 Ω

Max voltage per primary winding, at 50 Hz:

40 volts

Max voltage per secondary winding, at 50 Hz:

20 volts